Job No: QECD/BBMP/YNK/QC-1/P-3/W-2/2020-21

Test Report

Project Name	Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)
Client	The Asst Executive Engineer, Yelahanka Sub Division, BBMP
Mix Type	PCC(1:3:6)
Contractor	Sri.Rajeswaren Satheesh (Sathya Constructions)
Test Method	IS : 4031 (Part 5) -1988 & Specification for Road & Bridge Works, MORT&H, Rev-V.
Location	Keenchenahalli Burial ground
Material	Cement
Sample No	1
Sample Collected Date	3-Jun-2020
Test Date	5-Jun-2020

Consistency test

	Trail No	Weight of Cement	Percentage of water added (%)	Weight of Water (gm)	Initial Reading of Plunger (mm)	Difference (mm)
Consistency test of Cement	1	400	29.0	116	40	17
	2	400	28.5	114	40	18.5
	3	400	28.0	112	40	12
	4	400	29.5	118	40	8.5
	5	400	30.5	122	40	6.5

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Results: Standard Consistency of Cement: 30.50%

For Qualiex Civil Design & Consultancy

Authorised Signature

AE-02

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Committed To Excellence
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Project Management Services

Job No: QECD/BBMP/YNK/QC-1/P-3/W-2/2020-21

Test Report

Project Name	Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)
Client	The Asst Executive Engineer, Yelahanka Sub Division, BBMP
Mix Type	PCC(1:3:6)
Contractor	Sri.Rajeswaren Satheesh (Sathya Constructions)
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Keenchenahalli Burial ground
Material	Fine Aggregates
Sample No	1
Sample Collected Date	3-Jun-2020
Test Date	5-Jun-2020

Gradation of Fine Aggregate

Weight of Sample(gram): 200

Sl No.	IS Sieve Size	Weight retained	% retained	% Cumulative	Cumulative % of Passing		Remarks
					% Passing	Gradation limits	
1	10 mm	0	0.00	0.00	100.00	100	Gradation satisfies the MORT&H Zone ll Specification for PQC
2	4.75 mm	15	7.50	7.50	92.50	90-100	
3	2.36 mm	25	12.50	20.00	80.00	75-100	
4	1.18 mm	10	5.00	25.00	75.00	55-90	
5	600 μ	53	26.50	51.50	48.50	35-59	
6	300 μ	71	35.50	87.00	13.00	8-30	
7	150 μ	10	5.00	92.00	8.00	0-10	

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